

2003
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates
where available

Special Locality Report
128
City of Roanoke

Prepared By
Virginia Department of Transportation
Mobility Management Division

In Cooperation With
U.S. Department of Transportation
Federal Highway Administration

Virginia Department of Transportation
Mobility Management Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled “Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes” includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled “Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99”.

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management’s Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT’s Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

North 	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
	US Route	
	Virginia State Route	
	Secondary Route	

Special Routes

Bus 	Bus - Business Route
	Bypas - Bypass Route
	Truck - Truck Route
ALT 	ALT - Alternate Route
	Wve - Wye Route connector
	P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
	The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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City of Roanoke

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
11 Brandon Ave	1.35	20000	F	From:	ECL Salem					F	0.094	F	0.604	23000	F	2003
				To:												
11 Brandon Ave	1.03	12000	F	From:	Edgewood St; Mud Lick Rd					C	0.082	F	0.553	14000	F	2003
				To:												
11 Grandin Rd	0.70	7800	F	From:	Grandin Rd Brandon Ave					F	0.089	F	0.589	8900	F	2003
				To:												
11 Memorial Avenue	0.84	13000	F	From:	Memorial Avenue Grandin Rd					C	0.103	B	0.631	13000	F	2003
				To:												
11 Campbell Ave	0.53	4600	F	From:	Campbell Ave Memorial Ave					F	0.109	F	0.752	5200	F	2003
		Combined Traffic:	F	98%	0%	1%	0%	0%	0%	F	NA			12000	F	
11 Campbell Ave	0.47	6100	F	From:	7th St					C	0.092	F	0.556	6900	F	2003
		Combined Traffic:	F	96%	0%	2%	2%	1%	0%	F	NA			11000	F	
11 Campbell Ave	0.28	7200	F	From:	3rd St					F	0.092	F	0.755	8100	F	2003
		Combined Traffic:	F	98%	0%	1%	0%	0%	0%	F	NA			15000	F	
11 Campbell Ave	0.05	7200	N	From:	US 221					N	0.092	N	0.755	8100	N	2003
		Combined Traffic:	N	98%	0%	1%	0%	0%	0%	N	NA			12000	N	
11 Williamson Rd	0.22	22000	F	From:	Williamson Rd Campbell Ave					F	0.091	F	0.517	25000	F	2003
				To:												
11 Williamson Rd	0.15	18000	F	From:	Shenandoah Ave					F	0.093	F	0.6	20000	F	2003
				To:												
11 Williamson Rd	0.50	11000	F	From:	I-581					C	0.084	F	0.502	11000	F	2003
				To:												
11 Williamson Rd	0.92	15000	F	From:	US 460 Orange Ave					F	0.082	F	0.528	16000	F	2003
				To:												
11 Williamson Rd	0.51	16000	F	From:	Liberty Rd					F	0.074	F	0.502	16000	F	2003
				To:												
11 Williamson Rd	1.27	17000	F	From:	10th St					C	0.079	F	0.522	18000	F	2003
				To:												
11 Williamson Rd	0.11	18000	F	From:	SR 101 Hershberger Rd					F	0.086	F	0.535	19000	F	2003
				To:												
11 Williamson Rd	0.39	17000	F	From:	SR 118 Airport Rd					F	0.086	F	0.51	18000	F	2003
				To:												
11 13th Street	0.25	3400	F	From:	Campbell Ave					F	0.1	F	0.606	3800	F	2003
		Combined Traffic:	N	98%	0%	1%	0%	0%	0%							
11 Salem Ave	0.34	5600	F	From:	Salem Ave 13th St					F	0.093	F	0.526	6400	F	2003
		Combined Traffic:	F	98%	0%	1%	0%	0%	0%							
11 Salem Ave	0.40	3300	F	From:	9th St					F	0.094	F	0.655	3800	F	2003
		Combined Traffic:	F	98%	0%	1%	0%	0%	0%							
11 Salem Ave	0.30	5200	F	From:	5th St					F	0.098	F	0.611	5900	F	2003
		Combined Traffic:	F	98%	0%	1%	0%	0%	0%							
11 2nd St				From:												
				To:												

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Route		Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year					
							2Axle	3+Axle	1Trail	2Trail												
City of Roanoke																						
11	Salem Ave	0.22	5900	F	From:	2nd St					F	0.097	F	0.734	6700	F	2003					
					98%	0%	1%	0%	0%	0%												
					Combined Traffic:	13000	F	98%	0%	1%								0%	0%	0%	F	NA
					To:	Jefferson St																
ALT	460	Melrose Ave	0.65	18000	F	From:	ECL Salem					C	0.084	F	0.522	19000	F	2003				
11						98%	0%	0%	1%	0%	0%											
									To:	SR 117 Peters Creek Rd												
ALT	460	Melrose Ave	1.75	12000	F	From:	SR 117 Peters Creek Rd					F	0.086	F	0.508	13000	F	2003				
11						95%	1%	1%	1%	2%	0%											
									To:	24th St												
ALT	460	Melrose Ave	0.41	12000	F	From:	24th St					F	0.077	F	0.503	13000	F	2003				
11						95%	1%	1%	1%	2%	0%											
									To:	Salem Turnpike												
ALT	460	Orange Ave	1.00	14000	F	From:	Salem Turnpike					F	0.076	F	0.511	15000	F	2003				
11						95%	1%	1%	1%	2%	0%											
									To:	10TH ST, Gainsboro Rd												
ALT	460	Orange Ave	0.90	17000	B	From:	10TH ST, Gainsboro Rd					C	0.094	A	0.513	18000	B	2003				
11						95%	1%	1%	1%	2%	0%											
									To:	I-581, US 220, ALT SR 220												
ALT	460	Orange Ave	0.24	45000	F	From:	I-581, US 220, ALT SR 220					F	0.074	F	0.518	50000	F	2003				
11						95%	1%	1%	1%	2%	0%											
									To:	US 11 Williamson Rd												
24	Jamison Ave	0.42	15000	F	From:	Elm Ave					C	0.084	F		17000	F	2003					
					97%	0%	1%	0%	1%	0%												
										To:								6th St				
24	Jamison Ave	0.68	13000	F	From:	6th St					C	0.094	F	15000	F	2003						
					97%	0%	1%	0%	1%	0%												
										Combined Traffic:							26000	F	98%	0%	1%	0%
24	Jamison Ave	0.19	28000	F	From:	13th St					F	0.084	F	0.629	31000	F	2003					
					97%	0%	1%	0%	1%	0%												
										To:								Dale Ave				
24	Dale Ave	0.69	26000	F	From:	Dale Ave					F	0.085	F	0.627	28000	F	2003					
					97%	0%	1%	0%	1%	0%												
										To:								ECL Roanoke				
24	Bullitt Ave	0.68	12000	F	From:	6th St					C	0.099	F	0.522	13000	F	2003					
					98%	0%	1%	0%	1%	0%												
										Combined Traffic:								26000	F	98%	0%	1%
					To:	Jamison Ave																
101	Hershberger Rd	1.34	9800	F	From:	SR 117 Peters Creek Rd					C	0.082	F	0.502	11000	F	2003					
					99%	0%	0%	0%	0%	0%												
										To:								SR 116 Cove Rd				
101	Hershberger Rd	0.58	28000	F	From:	SR 116 Cove Rd					F	0.085	F	0.501	32000	F	2003					
					97%	1%	1%	1%	1%	0%												
										To:								I-581				
101	Hershburger Rd	1.25	37000	F	From:	I-581					F	0.086	F	0.521	43000	F	2003					
					97%	1%	1%	1%	1%	0%												
										To:								US 11 Williamson Rd				
115	Hollins Road	1.02	7400	F	From:	Orange Ave					C	0.087	F	0.620	8100	F	2003					
					95%	0%	1%	1%	2%	0%												
										To:								Liberty St				
115	Liberty Road	0.30	4900	F	From:	Hollins Rd					F	0.097	F	0.606	5300	F	2003					
					95%	0%	1%	1%	2%	0%												
										To:								Plantation Rd				
115	Plantation Road	0.88	9500	F	From:	Liberty Rd					C	0.095	F	0.568	10000	F	2003					
					97%	0%	1%	0%	1%	0%												
										To:								Hollins Rd				
115	Plantation Road	0.66	16000	F	From:	Hollins Rd					C	0.091	F	0.586	18000	F	2003					
					97%	0%	1%	0%	1%	0%												
										To:								NCL Roanoke				
116	Mt Pleasant Blvd	0.70	7000	F	From:	SCL Roanoke					F	0.099	F	0.764	7700	F	2003					
					98%	0%	1%	0%	0%	0%												
										To:								Riverland Rd				

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
						2Axle	3+Axle	1Trail	2Trail								
City of Roanoke																	
116	Riverland Rd	0.62	9800	F	From:	Mt Pleasant Blvd				C	0.089	F	0.696	11000	F	2003	
					To:	9Th St											
116	Riverland Rd	0.73	7600	F	From:	1%				F	0.1	F	0.724	8300	F	2003	
					To:	0%											
116	Piedmont St	0.07	4300	F	From:	Piedmont St				F	0.111	F	0.770	4700	F	2003	
					To:	Riverland Rd											
116	Walnut Ave	0.26	5100	F	From:	1%				C	0.092	F	0.734	5600	F	2003	
					To:	0%											
116	Jefferson St	0.42	9500	F	From:	Piedmont St				F	0.089	F	0.617	10000	F	2003	
					To:	Walnut Ave											
116	221	Jefferson St	0.18	6200	F	From:	US 221; IUS 221-P; 128-8015 Gap T				F	0.094	F	0.576	6700	F	2003
						To:	0%										
116	11	Campbell Ave	0.05	7200	N	From:	US 11				N	0.092	N	0.755	8100	N	2003
						To:	0%										
Combined Traffic:						N	98%	0%	1%	0%	0%	N	NA			12000	N
116	11	Williamson Rd	0.22	22000	F	From:	Williamson Rd				F	0.091	F	0.517	25000	F	2003
						To:	Campbell Ave										
116	11	Williamson Rd	0.15	18000	F	From:	Shenandoah Ave				F	0.093	F	0.6	20000	F	2003
						To:	0%										
116	11	Williamson Rd	0.50	11000	F	From:	I-581				C	0.084	F	0.502	11000	F	2003
						To:	2%										
116	460	Orange Ave	0.24	45000	F	From:	US 11				F	0.074	F	0.518	50000	F	2003
						To:	4%										
116	460	Orange Ave	0.24	45000	F	From:	US 460				F	0.074	F	0.518	50000	F	2003
						To:	1%										
116	460	Orange Ave	0.90	17000	B	From:	I-581, US 220, ALT SR 220				C	0.094	A	0.513	18000	B	2003
						To:	1%										
116	460	Orange Ave	1.00	14000	F	From:	10th St, Gainsboro Rd				F	0.076	F	0.511	15000	F	2003
						To:	1%										
116	460	Melrose Ave	0.41	12000	F	From:	Salem Turnpike				F	0.077	F	0.503	13000	F	2003
						To:	1%										
116	Lafayette Blvd	0.73	7800	F	From:	Melrose Ave				C	0.08	F	0.604	8500	F	2003	
					To:	0%											
116	Cove Rd	0.72	12000	F	From:	Cove Rd				F	0.086	F	0.512	13000	F	2003	
					To:	Lafayette Blvd											
117		2.34	16000	F	From:	SR 101 Hershberger Rd				F	0.087	F	0.526	18000	F	2003	
					To:	US 11											
117	Peters Creek Rd	0.46	24000	F	From:	Aerial Way Dr				F	0.083	F	0.521	27000	F	2003	
					To:	Melrose Ave											
117	Peters Creek Rd	0.87	16000	F	From:	1%				C	0.084	F	0.526	19000	F	2003	
					To:	0%											
117	Peters Creek Rd	1.37	18000	F	From:	Hershburger Rd				F	0.089	F	0.509	21000	F	2003	
					To:	1%											
117	Peters Creek Rd	0.82	21000	A	From:	Cove Rd				C	0.113	A	0.536	24000	A	2003	
					To:	1%											
118	Airport Rd	0.63	7100	F	From:	I-581				F	0.106	F	0.508	7700	F	2003	
					To:	0%											
118	Airport Rd	0.63	7100	F	From:	US 11 Williamson Rd				F	0.106	F	0.508	7700	F	2003	
					To:	NCL Roanoke											
118	Airport Rd	0.63	7100	F	From:	Municipal Rd				F	0.106	F	0.508	7700	F	2003	
					To:	1%											

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2Axle 3+Axle 1Trail 2Trail																	
City of Roanoke																	
118	Airport Rd	1.01	11000	A	From:	Municipal Rd				C	0.123	A	0.519	12000	A	2003	
					To:	NCL Roanoke											
220	Franklin Rd	1.50	39000	F	From:	SCL Roanoke				F	0.08	F	0.588	40000	F	2003	
					To:	BUS US 220; SR 419 Electric Rd											
220	Roy Webber Expwy	1.80	47000	F	From:	Wonju St				F	0.086	F	0.563	47000	F	2003	
					To:	SR 24 Elm Ave; I-581											
220	Roy Webber Expwy	1.71	63000	F	From:	See I-581 for directional traffic volume estimates for this segment.				F	NA		76000	F			
					To:	US 11 Williamson Rd											
220	581	0.66	68000	F	From:	See I-581 for directional traffic volume estimates for this segment.				F	NA		83000	F			
					To:	US 460 Orange Ave											
220	581	1.68	73000	F	From:	See I-581 for directional traffic volume estimates for this segment.				F	0.107	N	0.535	82000	F		
					To:	Valley View Blvd											
220	581	1.11	62000	A	From:	See I-581 for directional traffic volume estimates for this segment.				C	0.107	A	0.535	70000	A		
					To:	SR 101 Hershberger Rd											
220	581	1.75	52000	F	From:	See I-581 for directional traffic volume estimates for this segment.				F	NA		58000	F			
					To:	SR 117 Peters Creek Rd											
Bus 220	Franklin Rd	0.27	23000	F	From:	US 220; SR 419 South of Roanoke				C	0.084	F	0.529	25000	F	2003	
					To:	Penarth Road											
Bus 220	Franklin Rd	1.26	18000	F	From:	128-3 Wonju St				F	0.09	F	0.516	19000	F	2003	
					To:	128-8003 McClanahan St											
Bus 220	Franklin Rd	0.38	9800	F	From:	128-8015; I-581 Underpass				F	0.097	F	0.616	11000	F	2003	
					To:	I-581, US 220, ALT SR 220											
ALT 220	460	Orange Ave	0.24	45000	F	From:	US 11 Williamson Rd				F	0.074	F	0.518	50000	F	2003
						To:	SR 115 Hollins Rd										
ALT 220	460	Orange Ave	0.49	43000	F	From:	24th St				C	0.079	F	0.542	47000	F	2003
						To:	128-8055 King St										
ALT 220	460	Orange Ave	1.14	41000	F	From:	Roanoke County Line				F	0.076	F	0.513	40000	F	2003
						To:	WCL Roanoke										
221	Brambleton Ave	1.39	14000	F	From:	Overland Road				C	0.098	F	0.59	15000	F	2003	
					To:	Brandon Ave											

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							2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																	
221	Main St	1.19	8900	F	From:	Brandon Ave					F	0.102	F	0.633	9700	F	2003
					To:	99%	0%	0%	0%	0%							
221	Elm Ave	0.46	11000	F	From:	8th St					C	0.094	F	0.692	12000	F	2003
					To:	98%	0%	1%	0%	0%							
221	Elm Ave	0.30	9000	F	From:	US 220 Franklin Rd					F	0.083	F	0.528	9800	F	2003
					To:	98%	0%	1%	0%	0%							
Combined Traffic:			18000	F		99%	0%	1%	0%	0%	F	NA			19000	F	
221	Jefferson St	0.18	6200	F	From:	SR 24 SR 116 SR 116 US 221 Bus P					F	0.094	F	0.576	6700	F	2003
					To:	99%	0%	0%	0%	0%							
221	11 Campbell Ave	0.05	7200	N	From:	US 11 Salem Ave					N	0.092	N	0.755	8100	N	2003
					To:	98%	0%	1%	0%	0%							
Combined Traffic:			11000	N		98%	0%	1%	0%	0%	N	NA			12000	N	
221	11 Williamson Rd	0.22	22000	F	From:	Williamson Rd SALEM AVE					F	0.091	F	0.517	25000	F	2003
					To:	98%	0%	1%	0%	0%							
221	11 Williamson Rd	0.15	18000	F	From:	Shenandoah Ave					F	0.093	F	0.6	20000	F	2003
					To:	98%	0%	1%	0%	0%							
221	11 Williamson Rd	0.50	11000	F	From:	I-581					C	0.084	F	0.502	11000	F	2003
					To:	93%	0%	2%	4%	1%							
221	460 Orange Ave	0.49	43000	F	From:	RT 460 S					C	0.079	F	0.542	47000	F	2003
					To:	97%	0%	1%	0%	1%							
221	460 Orange Ave	1.14	41000	F	From:	SR 115 Hollins Rd					F	0.079	F	0.559	43000	F	2003
					To:	93%	0%	1%	1%	5%							
221	460 Orange Ave	1.37	31000	F	From:	24th St					F	0.073	F	0.518	33000	F	2003
					To:	93%	0%	1%	1%	5%							
221	460 Orange Ave	0.18	38000	F	From:	128-8055 King St					F	0.076	F	0.513	40000	F	2003
					To:	93%	0%	1%	1%	5%							
221	Franklin Rd	0.40	8700	F	From:	US 221 Elm Ave					F	0.108	F	0.684	9600	F	2003
					To:	99%	0%	0%	0%	0%							
Combined Traffic:			18000	F		99%	0%	1%	0%	0%	F	NA			19000	F	
419	Electric Rd	0.07	43000	F	From:	US 221 SR 116 Jefferson St					F	0.084	F	0.504	48000	F	2003
					To:	98%	0%	1%	0%	1%							
460	Melrose Ave	0.65	18000	F	From:	US 220; Bus US 220 Franklin Rd					F	0.084	F	0.504	48000	F	2003
					To:	98%	0%	0%	1%	0%							
460	Melrose Ave	1.75	12000	F	From:	ECL Salem					C	0.084	F	0.522	19000	F	2003
					To:	98%	0%	0%	1%	0%							
460	Melrose Ave	0.41	12000	F	From:	SR 117 Peters Creek Rd					F	0.086	F	0.508	13000	F	2003
					To:	95%	1%	1%	1%	2%							
460	Melrose Ave	0.41	12000	F	From:	24th St					F	0.077	F	0.503	13000	F	2003
					To:	95%	1%	1%	1%	2%							
460	Orange Ave	1.00	14000	F	From:	Salem Turnpike					F	0.076	F	0.511	15000	F	2003
					To:	95%	1%	1%	1%	2%							
460	Orange Ave	0.90	17000	B	From:	10th St, Gainsboro Rd					C	0.094	A	0.513	18000	B	2003
					To:	95%	1%	1%	1%	2%							
460	Orange Ave	0.24	45000	F	From:	I-581, US 220, ALT SR 220					F	0.074	F	0.518	50000	F	2003
					To:	95%	1%	1%	1%	2%							
460	Orange Ave	0.49	43000	F	From:	US 11 Williamson Rd					C	0.079	F	0.542	47000	F	2003
					To:	97%	0%	1%	0%	1%							
460	Orange Ave	1.14	41000	F	From:	SR 115 Hollins Rd					F	0.079	F	0.559	43000	F	2003
					To:	93%	0%	1%	1%	5%							
							24th St										

Route		Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
							2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																	
460	Orange Ave	1.37	31000	F	From	24th St				F	0.073	F	0.518	33000	F	2003	
					To	128-8055 King St											
460	Orange Ave	0.18	38000	F	93%	0%	1%	1%	5%	0%	F	0.076	F	0.513	40000	F	2003
					To	Roanoke County Line											
North 581		0.66	34000	F	From	SR 24 Elm Ave; US 220 Webber Expy				F	0.087	F		38000	F	2003	
					To	US 11 Williamson Rd											
North 581	Combined Traffic:	0.31	35000	F	93%	1%	1%	1%	5%	0%	F	0.088	F		39000	F	2003
					To	US 460 Orange Ave											
North 581	Combined Traffic:	1.68	39000	F	93%	1%	1%	1%	5%	0%	F	0.093	F		43000	F	2003
					To	Valley View Blvd											
North 581	Combined Traffic:	1.11	31000	A	93%	1%	1%	1%	5%	0%	C	0.112	A		35000	A	2003
					To	SR 101 Hershberger Rd											
North 581	Combined Traffic:	1.75	26000	F	93%	1%	1%	1%	5%	0%	F	0.104	F		29000	F	2003
					To	SR 117 Peters Creek Rd											
South 581	Combined Traffic:	0.77	34000	F	From	SR 24 Elm Ave; US 220 Webber Expy				F	0.098	F		38000	F	2003	
					To	US 11 Williamson Rd											
South 581	Combined Traffic:	0.45	39000	F	92%	1%	2%	1%	5%	0%	F	0.089	F		44000	F	2003
					To	US 460 Orange Ave											
South 581	Combined Traffic:	1.41	35000	F	92%	1%	2%	1%	5%	0%	F	0.093	F		39000	F	2003
					To	Valley View Blvd											
South 581	Combined Traffic:	1.49	31000	A	92%	1%	2%	1%	5%	0%	C	0.113	A		35000	A	2003
					To	SR 101 Hershberger Rd											
South 581	Combined Traffic:	1.33	26000	F	92%	1%	2%	1%	5%	0%	F	0.098	F		29000	F	2003
					To	NCL Roanoke											
1	2nd Street	0.23	6200	F	From	IUS 221-P				F	0.125	F	0.508	6800	F	2003	
					To	Salem Ave											
1	2nd St; Gainsboro Rd	0.73	8600	F	96%	0%	3%	0%	0%	0%	C	0.114	F	0.663	9400	F	2003
					To	Orange Ave											
3	Wonju St	0.30	14000	F	From	Franklin St				C	0.099	F	0.559	15000	F	2003	
					To	Colonial Ave											
4	Kimball Ave	0.75	9400	F	From	Williamson Rd				F	0.093	F	0.671	10000	F	2003	
					To	Orange Ave											
5	Plantation Rd	0.33	8500	F	From	US 460				F	0.085	F	0.583	9300	F	2003	
					To	Mohawk Ave											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
5	Plantation Rd	0.82	6600	F	From:	Mohawk Ave				F	0.094	F	0.618	7300	F	2003
					To:	Liberty Rd										
6	Wells Ave	0.38	8000	F	From:	2Nd St				F	0.104	F	0.589	8800	F	2003
					To:	Williamson Rd										
7	Wise Ave	0.72	6100	F	From:	Norfolk Ave				F	0.127	F	0.818	6700	F	2003
					To:	Vinton Ave										
8	9th Street	0.21	6800	F	From:	Riverland Rd				F	0.092	F	0.586	7500	F	2003
					To:	Industry Ave										
8	9th Street	1.17	10000	F	From:	98%				F	0.093	F	0.531	11000	F	2003
					To:	Tazewell Ave										
8001	Colonial Ave	1.16	9000	F	From:	WCL Roanoke				F	0.096	F	0.529	9900	F	2003
					To:	Persinger Rd										
8001	Colonial Ave	0.81	19000	F	From:	Persinger Road				F	0.098	F	0.554	21000	F	2003
					To:	Brandon Ave										
8003	Yellow Mountain Rd	2.59	2100	F	From:	SCL Roanoke				C	0.127	F	0.739	2300	F	2003
					To:	Jefferson St										
8003	McClanahan St	0.48	6800	F	From:	98%				C	0.089	F	0.541	7500	F	2003
					To:	Franklin Rd										
8005	Bandy Rd	0.37	1400	F	From:	ECL Roanoke				F	0.102	F		1600	F	2003
					To:	128-8009 Garden City Blvd.										
8008	Salem Tnpk	1.35	7300	F	From:	WCL Roanoke				F	0.087	F	0.507	8000	F	2003
					To:	36Th St										
8008	Salem Tnpk	1.20	9100	F	From:	Westwood Blvd				C	0.082	F	0.513	9900	F	2003
					To:	24Th ST										
8009	Garden City Blvd	0.42	4200	F	From:	Yellow Mtn Rd				F	0.101	F	0.557	4600	F	2003
					To:	Ray Rd										
8009	Garden City Blvd	1.36	5300	F	From:	99%				C	0.093	F	0.567	5800	F	2003
					To:	SR 116 Riverland Rd										
8010	Shenandoah Ave	2.13	13000	F	From:	WCL Roanoke				C	0.088	F	0.502	14000	F	2003
					To:	24Th St										
8010	Shenandoah Ave	0.77	9300	F	From:	96%				F	0.089	F	0.529	10000	F	2003
					To:	15Th St										
8010	Shenandoah Ave	0.86	9300	F	From:	96%				C	0.091	F	0.547	10000	F	2003
					To:	5Th St										
8010	Shenandoah Ave	0.29	4500	F	From:	96%				F	0.092	F	0.646	4900	F	2003
					To:	Williamson Rd										
8011	Odgen Rd	0.55	9300	F	From:	SCL Roanoke				C	0.095	F	0.537	10000	F	2003
					To:	WCL Roanoke										
8013	Grandin Rd	1.11	7900	F	From:	SCL Roanoke				C	0.096	F		8700	F	2003
					To:	US 11										

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8014) Grandin Rd	0.72	6000	F	From:	SR 419				F	0.106	F	0.502	6500	F	2003	
				To:	Mudlick Rd											
(8014) Grandin Rd	0.97	2800	F	From:	Garst Mill Rd				C	0.099	F	0.506	3100	F	2003	
				To:												
(8015) Franklin Rd	0.60	11000	F	From:	US 220 Bus				C	0.090	F	0.618	13000	F	2003	
				To:	US 221 Elm Ave											
(8015) Franklin Ave	0.14	5200	F	From:	US 221 Jefferson St				F	0.12	F	0.869	5700	F	2003	
				To:	Williamson Road											
(8015) Tazewell Ave	0.54	5600	F	From:	Williamson Rd				C	0.128	F	0.806	6200	F	2003	
				To:												
(8015) Tazewell Ave	0.34	4700	F	From:	9Th St				F	0.133	F	0.907	5100	F	2003	
				To:	13Th St											
(8018) Green Ridge Road	1.23	5000	F	From:	NCL Roanoke NCL Salem				F	0.101	F	0.52	5500	F	2003	
				To:	SR 117 Peters Creek Road											
(8018) Cove Rd	1.49	8300	F	From:	Hershberger Rd				C	0.092	F	0.530	9100	F	2003	
				To:												
(8020) Mud Lick Rd	1.43	3100	F	From:	Grandin Rd				F	0.130	F	0.682	3400	F	2003	
				To:	US 11 Brandon Ave											
(8020) Edgewood Ave	0.76	6500	F	From:	Brandon Ave				C	0.106	F	0.507	7100	F	2003	
				To:	Memorial Ave											
(8020) Memorial Ave	0.71	5200	F	From:	Edgewood Ave				F	0.108	F	0.512	5700	F	2003	
				To:	Grandin Rd											
(8022) Hershberger Rd	0.60	11000	F	From:	Williamson Rd				C	0.083	F	0.541	12000	F	2003	
				To:	ECL Roanoke											
(8023) Bennington St	0.54	11000	F	From:	Riverside Terrace				F	0.092	F	0.549	12000	F	2003	
				To:	Carlisle Ave											
(8023) Bennington St	1.37	13000	F	From:	Carlisle Avenue				F	0.085	F	0.568	14000	F	2003	
				To:	Norfolk Ave											
(8023) Hollins Rd	0.39	8800	F	From:	US 460 Orange Ave				F	0.084	F	0.506	9600	F	2003	
				To:	Hollins Rd											
(8023) Old Mountain Rd	1.75	7000	F	From:	NCL Roanoke 80-605				F	0.098	F	0.639	7700	F	2003	
				To:												
(8024) Mountain View Terrace	0.49	2000	F	From:	Memorial Ave				F	0.087	F	0.575	2200	F	2003	
				To:	Chesterfield St											
(8024) Chesterfield Street	0.16	1300	F	From:	Mountain View Terrace				F	0.105	F	0.607	1400	F	2003	
				To:	Memorial Ave											
(8025) Jefferson St	0.43	6300	F	From:	McClanahan St				F	0.088	F	0.581	6900	F	2003	
				To:	Reserve Ave											
(8025) Jefferson St	0.40	12000	F	From:	Walnut Ave				C	0.088	F	0.546	13000	F	2003	
				To:												
(8027) Wonju St	0.27	14000	F	From:	Franklin Ave				F	0.1	F	0.578	15000	F	2003	
				To:	Colonial Ave											

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							2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																	
8028	Patterson Ave	0.99	7100	F	From:	Boulevard St					C	0.089	F	0.578	7700	F	2003
					To:												
8028	Patterson Ave	0.58	3900	F	From:	13Th St					F	0.086	F	0.578	4200	F	2003
					To:												
8029	Brandon Ave	0.82	15000	F	From:	Grandin Rd					F	0.084	F	0.502	17000	F	2003
					To:												
8029	Brandon Ave	0.92	21000	F	From:	US 221 Brambleton Ave Main St					C	0.084	F	0.503	23000	F	2003
					To:												
8030	Loudon St	1.23	2100	F	From:	24Th St					C	0.089	F	0.505	2300	F	2003
					To:												
8030	Loudon St	0.43	980	F	From:	10Th St					F	0.093	F	0.586	1100	F	2003
					To:												
8031	Maple Ave	0.36	360	F	From:	Dead End					F	0.112	F	0.729	400	F	2003
					To:												
8032	Overland Rd	0.32	9500	F	From:	Brambleton Ave					F	0.099	F	0.528	10000	F	2003
					To:												
8035	5th Street	0.37	4600	F	From:	Elm Ave					C	0.101	F	0.632	5100	F	2003
					To:												
8035	5th Street	0.78	3400	F	From:	Salem Ave					F	0.091	F	0.642	3700	F	2003
					To:												
8036	Broadway Ave	0.07	49	F	From:	Colonial Ave					F	0.209	F	0.632	50	F	2003
					To:												
8036	Broadway Ave	0.16	1200	F	From:	Sandford Ave Dead End					F	0.135	F	0.667	1300	F	2003
					To:												
8036	Broadway Ave	0.47	7200	F	From:	Wonju St Franklin Rd					C	0.091	F	0.585	7900	F	2003
					To:												
8038	Fleming Ave	0.87	1300	F	From:	Williamson Rd					F	0.106	F	0.524	1400	F	2003
					To:												
8039	Bridge St	0.45	4000	F	From:	Mountain View Terrace					F	0.086	F	0.577	4300	F	2003
					To:												
8040	Reserve Ave	0.37	5800	F	From:	Franklin Rd					F	0.099	F	0.532	6300	F	2003
					To:												
8041	10th Street	0.62	9000	F	From:	Campbell Ave					F	0.081	F	0.548	9800	F	2003
					To:												
8041	10th Street	0.51	11000	F	From:	Fairfax Ave					F	0.088	F	0.57	12000	F	2003
					To:												
8041	10th Street	0.58	11000	F	From:	Rugby Blvd					F	0.091	F	0.532	12000	F	2003
					To:												
8041	10th Street	0.56	7600	F	From:	I-581 Overpass					F	0.090	F	0.563	8300	F	2003
					To:												
8042	Bellevue Ave	0.61	4700	F	From:	Jefferson St					C	0.091	F	0.718	5100	F	2003
					To:												

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City of Roanoke																
(8042) Rutrough Rd	0.57	1400	F	From:	SR 116 Mt Pleasant Blvd				F	0.095	F	0.610	1500	F	2003	
				To:	ECL Roanoke											
(8045) Boulevard St	0.16	9200	F	From:	Patterson Ave				F	0.085	F	0.524	10000	F	2003	
				To:	Salem Ave											
(8045) Boulevard St	0.25	12000	F	From:	Baker Ave				F	0.085	F	0.507	13000	F	2003	
				To:	Melrose Ave											
(8045) 24th Street	0.41	10000	F	From:	Bennington St				F	0.085	F	0.571	11000	F	2003	
				To:	ECL Roanoke											
(8048) Riverdale Rd	0.78	1500	F	From:	Orange Ave				F	0.1	F	0.596	1600	F	2003	
				To:	SCL Roanoke											
(8050) Gus Nicks Blvd	0.70	16000	F	From:	Orange Ave				C	0.083	F	0.649	18000	F	2003	
				To:	Liberty Rd											
(8053) Burwell St	0.35	5800	F	From:	Orange Ave				F	0.096	F	0.616	6300	F	2003	
				To:	Burrell St											
(8053) Liberty Rd	0.74	4500	F	From:	Williamson Rd				C	0.098	F	0.639	4900	F	2003	
				To:	Plantation Rd											
(8053) Liberty Rd	0.40	4800	F	From:	Gus Nicks Blvd				F	0.088	F	0.507	5300	F	2003	
				To:	US 460											
(8055) King St	1.46	11000	F	From:	128-8008 Salem Turnpike				F	0.095	F	0.576	12000	F	2003	
				To:	SR 101											
(8057) Westside Blvd	0.65	3300	F	From:	US 460				F	0.095	F	0.552	3600	F	2003	
				To:	SR 101											
(8057) Westside Blvd	0.54	5700	F	From:	Centre Ave				C	0.087	F	0.575	6300	F	2003	
				To:	SR 101											
17th Street		330	F	From:	Centre Ave					0.091	F		360	F	2003	
				To:	Loudon Ave											
18th Street		120	F	From:	Edgerton Ave					0.133	F		130	F	2003	
				To:	Riverdale Rd											
19th Street		2000	F	From:	Orange Ave					0.081	F		2200	F	2003	
				To:	Hanover Ave											
25th Street		1100	F	From:	Baker Ave					0.089	F		1200	F	2003	
				To:	Centre Ave											
7th Street		590	F	From:	Dale Ave					0.105	F		650	F	2003	
				To:	Stewart Ave											
Avenham Ave		5900	F	From:	White Oak Rd					0.093	F		6400	F	2003	
				To:	Clydesdale St											
Barnhill Ln		100	F	From:	Windsor Rd					0.094	F		100	F	2003	
				To:	Grandin Rd											
Dunkirk Ave		1400	F	From:	Clyde St					0.161	F		1500	F	2003	
				To:	Cline St											

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City of Roanoke																
Fairhope Rd		1400	F	From:	Cove Rd						0.095	F	0.521	1500	F	2003
				To:	Appleton Ave											
Fauquier St		2500	F	From:	Memorial Ave						0.091	F		2800	F	2003
				To:	Denniston Ave											
Forest Park Blvd		1700	F	From:	Olive Ave						0.08	F	0.577	1800	F	2003
				To:	Alder St											
Fugate Rd		1200	F	From:	Collingwood St						0.101	F		1300	F	2003
				To:	Luray St											
Greenbrier Ave		170	F	From:	Kenwood Blvd						0.148	F		190	F	2003
				To:	19th St											
Hazelridge Rd		360	F	From:	Hershberger Rd						0.098	F		390	F	2003
				To:	Vincient Ave											
Heritage Rd		200	F	From:	Dogwood Ln S						0.119	F		220	F	2003
				To:	Dogwood La N											
Hildebrand Rd		1700	F	From:	Hershberger Rd						0.107	F		1900	F	2003
				To:	Whitney Ave											
Hillview Ave		90	F	From:	Troxell Rd						0.2	F		100	F	2003
				To:	Ventnor Rd											
Langdon Rd		170	F	From:	Lansing Dr						0.141	F		190	F	2003
				To:	Fairway Dr											
Liberty Rd		190	F	From:	Hollins Rd						0.097	F		210	F	2003
				To:	Norton Ave											
Maplelawn Ave		220	F	From:	Oakland Ave						0.101	F		240	F	2003
				To:	Link St											
Meadow Run Dr		120	F	From:	Brook Run Dr						0.152	F		130	F	2003
				To:	Spring Tree Dr											
Meadowbrook Rd		680	F	From:	Northwood Dr						0.095	F		740	F	2003
				To:	Sloan Rd											
Mecca St		960	F	From:	King St						0.115	F	0.68	1100	F	2003
				To:	Belle Ave											
Melcher St		110	F	From:	Yellow Mt Rd						0.133	F		120	F	2003
				To:	Carico Ave											
Monroe St		570	F	From:	Vermont Ave						0.088	F		630	F	2003
				To:	Maine Ave											
Monterey Rd		450	F	From:	Old Mountain Rd						0.113	F		500	F	2003
				To:	Dead End											
Montrose Ave		920	F	From:	Morningside St						0.113	F		1000	F	2003
				To:	11th Half St											

Virginia Department of Transportation
Mobility Management Division
2003
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Roanoke

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
2Axle 3+Axle 1Trail 2Trail																
City of Roanoke																
Oaklawn Ave		260	F	From:	Winsloe Dr						0.116	F		290	F	2003
				To:	Hazelridge Rd											
Persinger Rd		1900	F	From:	Colonial Ave						0.086	F	0.621	2000	F	2003
				To:	Bluefield Blvd											
Portland Ave		490	F	From:	Cove Rd						0.086	F	0.51	540	F	2003
				To:	Oleva St											
Ray Rd		140	F	From:	New Spring Branch Rd						0.129	F		150	F	2003
				To:	Dead End											
Renfro Blvd		120	F	From:	Gun Club Rd						0.111	F		130	F	2003
				To:	Pilot St											
Reynolds Rd		820	F	From:	Mabry Ave						0.120	F		890	F	2003
				To:	ECL Roanoke											
Richard Ave		860	F	From:	Cannaday Rd						0.109	F	0.749	940	F	2003
				To:	Mecca St											
Ridgefield St		180	F	From:	Mississippi Ave						0.119	F	0.542	200	F	2003
				To:	Norton Ave											
Roanoke Ave		810	F	From:	Burks St						0.113	F		890	F	2003
				To:	Byrne St											
Salem Ave		3000	F	From:	19Th St						0.089	F		3300	F	2003
				To:	20Th St											
Sweetbrier Ave		80	F	From:	Rosewood Ave						0.152	F		90	F	2003
				To:	Clifford St											
Valentine Ave		160	F	From:	Deyerle Rd						0.116	F	0.714	170	F	2003
				To:	Knollwood Rd											
Ventnor Rd		430	F	From:	Eanes Rd						0.094	F		470	F	2003
				To:	Hillview Ave											
Vinyard Ave		20	G	From:	Omar Ave						NA			20	G	2003
				To:	Atherly St											
Virginia Ave		20	F	From:	Comer St						0.38	F		20	F	2003
				To:	Dead End											
Whitney Ave		500	F	From:	Woodbury St						0.118	F		540	F	2003
				To:	Winsloe Dr											
Willow Oak Dr		210	F	From:	Shadblow La						0.103	F	0.549	230	F	2003
				To:	Winterberry La											
Windsor Ave		550	F	From:	Edgewood St						0.09	F		600	F	2003
				To:	Derwent Dr											